

6/11/2015

**Aims for today:**

1. Inoculate pDawn
2. Run gel of colony PCR
3. Check plates from yesterday
4. Colony PCR of re-transformed plates (after we miscalculated the ligation of the first plates)
5. Digest and ligate pACBB-eGFP and lux box
6. Grow up luxbox
7. Inoculate pACBB-eGFP

**Accomplishments:**

1. Inoculated pDawn
2. Ran gel of first colony PCR
3. Checked plates grown overnight
4. Performed second colony PCR of newly transformed plates with pDawn + lacZ
5. Grew up luxbox transformants in LB+chlor (see double check in transformation worked because Chlor diffused in plate)
6. Inoculated DH5alpha with pACBB-eGFP (in prep for miniprep and glycerol stock tomorrow)
7. Retransformed lux box biobrick into NEB turbo

**Aims for tomorrow:**

1. Miniprep and glycerol stock pACBB-eGFP inoculants
2. Check inoculated colonies from luxbox transformation attempt #2 to see if any grew in LB+Chlor
3. Look at transformation results on plates (for attempt #3 of transforming lux box biobrick)
4. Look at results for colony PCR of pDawn + lacZ (run gel + image)

**Questions:**

None, we might have some after we get the colony PCR results.